

RECEIVED
CENTRAL FAX CENTER
OCT 08 2004

Ste-Foy, October 08th 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

BEST AVAILABLE COPY

To the attention of Mrs. Yaritza Guadalupe
Group Art Unit: 2859
Phone Number: (571) 272-2244
Fax Phone Number: (703) 872-9306

Applicant: Mr. Normand Coulombe
Serial Number: 10/687,090
Filing date: 10/17/2003
Title: Device for measuring the internal diameter of a pipe

Certificate of transmission

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent & Trademark Office, Fax no. (703) 872-9306 on 10/08/04.

Applicant: Mr. Normand Coulombe
Signature: *Normand Coulombe*
Date: 10/08/04

Please refer to 37 CFR 1.6 (d) and 1.8 (a)(2) for filing limitations concerning facsimile transmission and mailing, respectively.

RECEIVED
CENTRAL FAX CENTER

OCT 08 2004



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1459
Alexandria, Virginia 22313-1459
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/687,090	10/17/2003	Normand Coulombe		9098

7590 09/09/2004
Mr. Normand Coulombe
1056, rue Viger
Ste-Foy, QC G1W 2P7
CANADA

EXAMINER

GUADALUPE YARITZA

ART UNIT PAPER NUMBER

2839

DATE MAILED: 09/09/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

CLAIM(S):

The embodiments of the invention for which an exclusive property or privilege is claimed, are defined as follows:

2. A device for measuring the internal diameter of a pipe, wherein said device comprising:

means for fastening the device to an inspection camera;

a tape mounted into a flat elongated body having holes to allow a string to be pulled out of a flat elongated body,

the tape having a first end and a second end,

wherein said tape having hole at the first end for connecting a first end of an elastic band and the string to said tape,

wherein the flat elongated body includes a tongue having hole for connecting a second end of the elastic band,

wherein said string pulls said tape out of said flat elongated body for measuring the internal diameter of the pipe,

wherein said tape having hole at the second end for connecting a circular member keeping said device at a right angle in bottom of the pipe when reading the diameter of the pipe with the inspection camera, and also blocking said tape at the input of said flat elongated body when said elastic

band bringing said tape into said elongated body; and

means for keeping said device in bottom of the pipe; and

means for extending said flat elongated body.

3. The device according to claim 2, wherein said means for fastening said device to an inspection camera comprises a plurality of mechanical fasteners mounted to said flat elongated body.

4. The device according to claim 2, wherein said means for keeping said device in bottom of the pipe comprises a metal part disposed between said flat elongated body and a wire of the inspection camera.

5. The device according to claim 2, wherein said means for extending said flat elongated body comprises an extension body connected at one end of said flat elongated body.

CLAIM(S):

The embodiments of the invention for which an exclusive property or privilege is claimed, are defined as follows:

1) Claim 1 has been canceled:

~~--1. (canceled) A device being fixed to an inspection camera for measuring the internal diameter of a pipe, said device comprising:~~

~~a tape mounted into a flat elongated body having holes enabling to a string to be pulled out of the flat elongated body,~~

~~the string pulling the tape out of said flat elongated body for measuring the internal diameter of the pipe with the inspection camera,~~

~~an elastic band bringing said tape into said flat elongated body,~~

~~the flat elongated body includes at one end a tongue having hole in which is connected the other end of said elastic band,~~

~~an extension body is connected to one end of said elongated body,~~

~~a multitude of pieces are mounted to said flat elongated body for fastening the inspection camera, and~~

~~a metal part is disposed between said elongated body and a wire of the inspection camera for holding the device in bottom of the pipe. --.~~

2) Claim 2 has been amended as follows:

~~--2. (amended) The tape according to claim 1~~ A device for measuring the internal diameter of a pipe, wherein said device comprising:

means for fastening the device to an inspection camera;

a tape mounted into a flat elongated body having holes to allow a string to be pulled out of a flat elongated body,

the tape having a first end and a second end,

wherein said tape having hole at one the first end for using a means connecting said a first end of an elastic band and the string to said tape, and

wherein the flat elongated body includes a tongue having hole for connecting a second end of the elastic band,

wherein said string pulls said tape out of said flat elongated body for measuring the internal diameter of the pipe,

wherein said tape having hole at the second end for connecting a circular member is connected at the other end of said tape for keeping the said device at a right angle in bottom of the pipe when reading the diameter of the pipe with the inspection camera, and for also blocking said tape at the input of said flat elongated body when said elastic band bringing said tape into said elongated body [[.]] ; and

means for keeping said device in bottom of the pipe; and

means for extending said flat elongated body. --.

3) New claim 3 has been added as follows:

--3. (new) The device according to claim 2, wherein said means for fastening said device to an inspection camera comprises a plurality of mechanical fasteners mounted to said flat elongated body. --.

4) New claim 4 has been added as follows:

--4. (new) The device according to claim 2, wherein said means for keeping said device in bottom of the pipe comprises a metal part disposed between said flat elongated body and a wire of the inspection camera. --.

5) New claim 5 has been added as follows:

--5. (new) The device according to claim 2, wherein said means for extending said flat elongated body comprises an extension body connected at one end of said flat elongated body. --.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.